



DEPARTMENT OF THE ARMY

U.S. Army Corps of Engineers
WASHINGTON, D.C. 20314-1000

REPLY TO
ATTENTION OF:

02 MAR 1998

CEMP-RT (200-1a)

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: USACE Interim Policy on Environmental Management Systems (EMS) and International Organization for Standardization (ISO) 14001

1. References:

- a. OSD memorandum, 11 June 1997, subject: "Interim Guidance on Environmental Management Systems and ISO 14001" (enclosure 1).
- b. DAIM-ED memorandum, 23 October 1997, subject: "Interim Guidance on Environmental Management Systems and ISO 14001" (enclosure 2).
- c. DAIM-ED-R memorandum, 3 October 1997, subject: "Regional Environmental Support to the U. S. Army Corps of Engineers" (enclosure 3).
- d. CEMP-RT notebook, 4 March 1997, 2nd Annual HTRW QA Workshop Tab X, "ISO 14000 Executive Overview" (Available from Division/Center Hazardous, Toxic, Radioactive Waste (HTRW) Quality Assurance Managers).

2. This memorandum provides official DOD and DA policy on ISO 14001 for background information, and establishes current Corps policy for participation in ISO 14001 initiatives. Request you disseminate this memorandum with enclosures to laboratories, the engineering, construction, and project management elements of your HTRW Design Districts, and other elements and districts.

3. Corps policy, consistent with the enclosed DOD and DA policies, is to defer initiation of our EMS programs at USACE projects and facilities pending completion of ongoing DOD pilot studies and their evaluation. Although we are not actively participating in the ISO 14001 pilot studies, the Corps has and will continue to actively participate in the DA EMS Working Group. Headquarters will continue to evaluate the relevancy of ISO 14001 and other EMS initiatives to our operations. Military Programs entities are encouraged to explore potential business opportunities arising from customer support involving EMS initiatives.


02 MAR 1998

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4. Limited EMS/ISO 14000 support is available from the HTRW Center of Expertise (CX) by contacting your organization's assigned liaison (ATTN: CENWO-HX-S), should you or one of your customers require it. In addition, EM 200-1-8, "Guidebook to ISO 14000" is nearing completion and release.
5. Corps HQs EMS policy points of contact are: Mr. Robert (Bob) Fenlason, CECPW-ES at (703) 806-5201; and Dr. David (Dave) Koran, CEMP-RT at (202) 761-4989.
6. The point of contact for this action is Mr. Larry Becker, CEMP-RT, (202) 761-8882.

FOR THE COMMANDER:



ALBERT J. GENETTI, JR.
Major General, USA
Chief of Staff

3 Encls

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CEMP-RT (200-1a)

SUBJECT: USACE Interim Policy on Environmental Management Systems (EMS) and
International Organization for Standardization (ISO) 14001

CF: Cont

CERD-C

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DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
600 ARMY PENTAGON
WASHINGTON DC 20310-0600



REPLY TO
ATTENTION OF

DAIM-ED

S: 10 Nov 97

23 OCT 97

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: Implementation of Office of Secretary of Defense Interim Policy on Environmental Management Systems and ISO 14001

1. The Army has been and remains fully committed to reducing the environmental impact of its operations. Governments and communities worldwide continue to stress the need for environmental responsibility. Application of a quality-based approach is an increasingly visible trend in environmental management, intended to ensure that environmental practices are conducted within a structured management system.
2. The federal government is examining the role these "environmental management systems" (EMS) can have in improving environmental stewardship. Toward that end, on 11 Jun 97 and 26 Sep 97, the Office of the Secretary of Defense (OSD) issued the enclosed guidance addressing evaluation of the International Organization for Standardization's document, Environmental Management Systems - Specification with Guidance for Use (ISO 14001). This memorandum provides Army implementing guidance on EMS and ISO 14001.
3. As an international standard which describes the "core" management processes for developing and implementing an EMS, ISO 14001 serves only as a guide. EMS "core" management processes are the set of activities that, taken together, include the organizational structure, planning activities, responsibilities, practices, procedures, and resources necessary for developing, implementing, achieving, reviewing and maintaining the environmental policy and program.
4. The Army supports the OSD evaluation of ISO 14001 as one way to improve environmental performance by integrating with the existing management policies and procedures. Our initial objective is to investigate the use of an "ISO 14001 type" EMS at several representative installations. Commanders of Army installations and organizations at all levels are encouraged to take an active role in this process. The following guidelines apply:
 - a. Major Commands (MACOMs) should disseminate this guidance to the lowest practical level. Each MACOM may nominate one installation or organization to participate in the OSD pilot study. The nomination datasheet in the attached OSD guidance should be completed and forwarded through the MACOM headquarters to arrive at the Office of the Director, Army Environmental Programs (DAIM-ED) not later than 10 Nov 97. Installation-level EMS development and implementation should be coordinated with the installation's MACOM.

ENC 1

DAIM-ED

SUBJECT: Implementation of Office of Secretary of Defense Interim Policy on Environmental Management Systems and ISO 14001

b. At this time, Army entities should not either obtain third-party certification to the ISO 14001 EMS specification or become registered as third-party certifiers, unless necessary to meet the requirements of international operations (e.g., overseas deployments, Partnership for Peace operations, etc.).

c. The Office of the Assistant Chief of Staff for Installation Management (OACSIM), in coordination with the Army Environmental Policy Institute (AEPI), will lead an Army EMS working group to compile and consolidate data on this subject. The working group will assess pilot efforts to evaluate the overall contribution EMS can make at all levels of the Army environmental program. To ensure consistency, the working group will develop a general framework for Army organizations to follow in their pilot efforts.

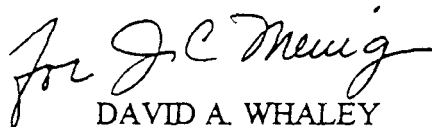
d. Army Regional Coordinators (RECs) will facilitate dissemination and coordination of EMS information, so that consistency between and within regions can be maintained. As appropriate, Army RECs may serve as points of contact for EMS within their respective regions, but all information should be forwarded through the chain of command to OACSIM, ATTN: DAIM-ED.

e. MACOMs should identify both a primary EMS point of contact as well as their participant(s) in the EMS working group to OACSIM as soon as possible.

f. A business approach will be used in this evaluation process, focusing in large part on the cost-benefit aspects of EMS and ISO 14001. The EMS working group will develop appropriate analytical criteria, and all cost-benefit analyses should be conducted accordingly.

5. Points of contact for additional information are Mr. George Carlisle, DAIM-ED, (703) 693-0551, e-mail carligw@hqda.army.mil, and Mr. Prakash Temkar, AEPI, (404) 892-3099, e-mail prakash.temkar@aeppi.atdc.gatech.edu.

Encl



DAVID A. WHALEY
Major General, GS
Assistant Chief of Staff
for Installation Management

DAIM-ED

SUBJECT: Implementation of Office of Secretary of Defense Interim Policy on Environmental Management Systems and ISO 14001

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U.S. ARMY MEDICAL COMMAND, ATTN: MCZX, 2050 WORTH ROAD, FORT SAM HOUSTON, TX 78234-6000

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DEPUTY COMMANDER, U.S. ARMY SPACE AND STRATEGIC DEFENSE COMMAND, ATTN: CSSD-ZC, P.O. BOX 2500, HUNTSVILLE, AL 35807-3801

CHIEF, NATIONAL GUARD BUREAU, ATTN: NGB-CS, 111 SOUTH GEORGE MASON DRIVE, ARLINGTON, VA 22204-1382

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ASSISTANT SECRETARY OF THE ARMY (FINANCIAL MANAGEMENT)

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ASSISTANT SECRETARY OF THE ARMY (CIVIL WORKS)

(CONT)

DAIM-ED

SUBJECT: Implementation of Office of Secretary of Defense Interim Policy on Environmental Management Systems and ISO 14001

DISTRIBUTION (CONT)

DEPUTY ASSISTANT SECRETARY OF THE ARMY (ENVIRONMENT, SAFETY AND
OCCUPATIONAL HEALTH)

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ACQUISITION AND
TECHNOLOGY

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

14 JUN 1997

MEMORANDUM FOR DEPUTY ASSISTANT SECRETARY OF THE ARMY
(ENVIRONMENT, SAFETY & OCCUPATIONAL HEALTH)
DEPUTY ASSISTANT SECRETARY OF THE NAVY
(ENVIRONMENT AND SAFETY)
DEPUTY ASSISTANT SECRETARY OF THE AIR FORCE
(ENVIRONMENT, SAFETY & OCCUPATIONAL HEALTH)
DIRECTOR, DEFENSE AGENCIES

SUBJECT: Interim Guidance on Environmental Management Systems and ISO14001

DoD is committed to reducing its impacts on the environment and to reducing the costs of its environmental programs. One way to help achieve these goals is to improve DoD's environmental management systems (EMS). Specifically, we are interested in determining how the International Organization for Standardization's standard, Environmental Management Systems - Specification with Guidance for Use (ISO 14001) can help DoD organizations reduce risks, improve compliance with environmental regulations using pollution prevention wherever possible, enhance stewardship of natural and cultural resources, contain costs, and meet emerging regulatory requirements.

To examine these issues, DoD is conducting a thorough evaluation of ISO 14001. The EMS Committee, composed of representatives of the DoD Components, is conducting the evaluation. The attachment lists DoD Component and Office of the Deputy Under Secretary of Defense (Environmental Security) representatives on the Committee. To provide a consistent framework for evaluating ISO 14001, I am issuing the following interim policy:

Third Party Certification and Becoming a Registrar

At this time, DoD does not endorse nor support payment for third-party certification of ISO 14001 at domestic or overseas locations, except where an organization demonstrates clearly to its respective Component Headquarters that the benefits of certification will exceed costs. DoD does not endorse efforts by DoD entities to become accredited registrars who perform third-party certification.

Pilot Studies

DoD Components are encouraged to conduct pilot studies of ISO 14001 implementation. The results of any such studies will be considered prior to developing final policy on using ISO 14001 within DoD. To evaluate the costs and benefits of ISO 14001 implementation in different



types of organizations, the EMS Committee is developing pilot study criteria for organizations or installations that desire to conduct pilot studies under the EMS Committee framework. DoD Components, working with the EMS Committee, will designate the organizations or installations that will participate. Guidance on the pilot study program will be issued in the near future.

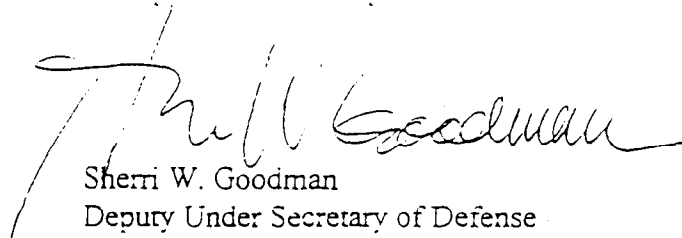
Internal Communication

While the pilot studies are in progress, we want to encourage communications in all directions. The EMS Committee members will serve as focal points within their organizations for facilitating the flow of information. Open communications will help produce successful pilots by sharing lessons learned and will help the EMS Committee develop final policy. To facilitate communications, we are establishing a section on the Defense Environmental Network and Information Exchange (DENIX) that is devoted to ISO 14001.

The Regional Environmental Coordinators (RECs) can help the communication process by coordinating DoD EMS interests within regions, as appropriate. Development and implementation of EMS policy, however, will be coordinated through the DoD Components' chain of command.

Communication with ISO

To ensure that the Department's assessment of ISO 14001 and its related ISO 14000 series documents are consistently expressed in the international community, the Office of the Deputy Under Secretary of Defense (Environmental Security) will represent DoD on the US Technical Advisory Group to ISO Technical Committee 207. In addition, the Chairperson of the EMS Committee may designate DoD Component staff to represent DoD at other ISO meetings.



Sherri W. Goodman
Deputy Under Secretary of Defense
(Environmental Security)

Attachment .

Attachment

DoD Environmental Management Systems Committee Points of Contact

OSD

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ACQUISITION AND
TECHNOLOGY

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

26 SEP 1997

MEMORANDUM FOR DEPUTY ASSISTANT SECRETARY OF THE ARMY
(ENVIRONMENT, SAFETY & OCCUPATIONAL
HEALTH)
DEPUTY ASSISTANT SECRETARY OF THE NAVY
(ENVIRONMENT AND SAFETY)
DEPUTY ASSISTANT SECRETARY OF THE AIR FORCE
(ENVIRONMENT, SAFETY & OCCUPATIONAL
HEALTH)
DIRECTOR, DEFENSE LOGISTICS AGENCIES
DIRECTOR, NATIONAL SECURITY AGENCY

SUBJECT: Participation in DoD Component ISO 14001 Environmental Management
System Pilot Cost/Benefit Study

The DoD Environmental Management Systems (EMS) Committee developed an analytical tool to evaluate the costs and benefits associated with implementing ISO 14001 at DoD installations. I encourage each DoD Component to use the attached nomination package (containing a nomination sheet, cost profile, baseline datasheet, and benefits datasheet) to select installations that will participate in an ISO 14001 implementation pilot study program. Installations chosen by the DoD Components will provide information requested through their chain of command to the EMS Committee.

Over the course of two years, the EMS Committee will evaluate the collected data to help develop future DoD policy on ISO 14001 and section 4405 of Executive Order 12856 "Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements." All information collected as part of the pilot program will be shared with all DoD Components. The names of installations will not be shared unless approved by the DoD Component that controls the installation. The attached process flow diagram outlines when information will be gathered and defines the roles of the DoD Components and EMS Committee in gathering and analyzing the information obtained.



71001884

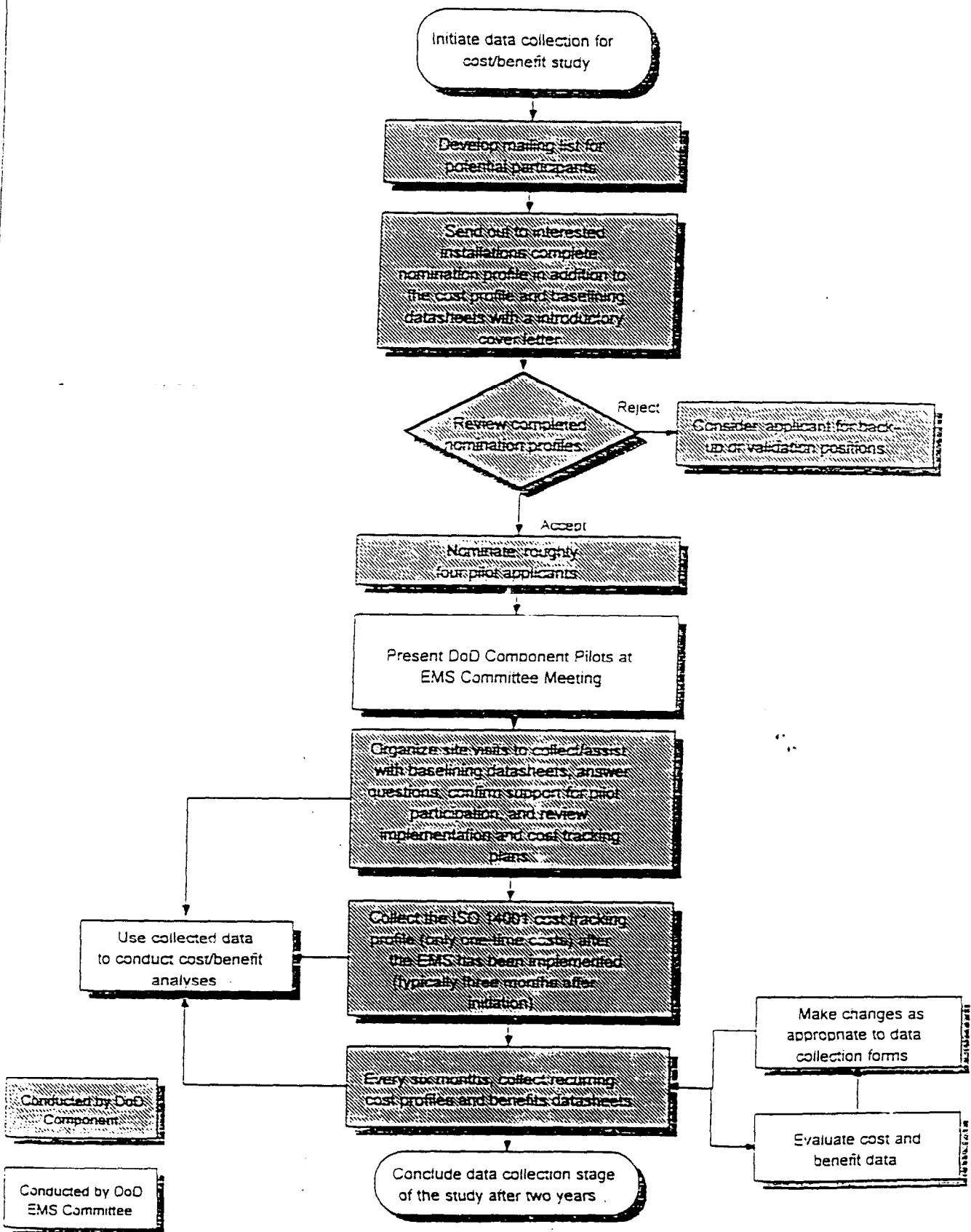
Please provide the names of your participating installations to my staff NLT November 14, 1997. If you have any questions, please contact Mr. Andrew Porth at 703-604-1820.

A handwritten signature in black ink, appearing to read "S. Goodman", with a long horizontal flourish extending to the right.

Sherri W. Goodman
Deputy Under Secretary of Defense
(Environmental Security)

- Attachments
Process Flow Diagram
Nomination Package

Proposed DoD Component ISO 14001 EMS
Cost/Benefit Data Collection Process



DoD Component ISO 14001 Pilot Projects Nomination Datasheet

For further information, contact:
Andy Porth at (703) 604-1820

General Information

Name of Facility

Date

Telephone Number

Address

Fax Number

Email Address

Point of Contact

Facility Type

Check one.

☐

Operating Base (e.g., Air Station, Naval Base, etc.)

☐

Supply Depot

☐

Munitions/Chemical Manufacturing Facility

Describe _____

☐

Training Center

☐

Intermediate Level Industrial Activity

☐

Laboratory

☐

Warehouse Facility

☐

Construction and Infrastructure Support

☐

Maintenance Depot

☐

Testing & Evaluation Facility

☐

Other _____

Military Branch

Check one.

☐

Army

☐

Navy

☐

Marines

☐

Air Force

☐

Defense Logistics Agency

☐

Other

Environmental Personnel

Provide number of applicable personnel.

Full-time environmental staff

Collateral duty environmental staff (e.g., hazardous waste handlers, tenant command personnel, and technical support staff)

Environmental Funding

Provide current and anticipated dollar amounts for each category using local rates.

	FY 1996	FY 1997	FY 1998	FY 1999
Restoration	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
Pollution Prevention	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
Compliance	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
Other _____	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
Total:	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

Level of Support for ISO 14001 Implementation

Check one and provide name, title, and organization.

☐

Commanding Officer _____

☐

Executive Officer _____

☐

Environmental Staff _____

Anticipated Benefits

On a separate sheet, please describe the effectiveness of your current EMS, why your operation wants to implement an ISO 14001 environmental management system, and what you anticipate will be the benefits.

DoD Component ISO 14001 Pilot Projects Cost Profile

General Information

Name of Facility

Telephone Number

Fax Number

Address

Email Address

Point of Contact

DoD ISO 14000 Pilot Project Number

Date

One-Time Costs

Please respond in dollars for total human resource needs associated with ISO 14001 implementation.

	Internal	Contractor
Gap Analysis	\$	\$
Environmental Policy Development	\$	\$
Document Redevelopment	\$	\$
Rewriting Standing Operating Procedures	\$	\$
ISO Education & New Systems Training	\$	\$
Management Reviews	\$	\$
SUBTOTALS:	\$	\$
TOTAL:	\$	\$

Recurring Costs

Please respond in dollars for human resource needs for outyears associated with ISO 14001 implementation.

From ___/___ through ___/___

	Internal	Contractor
Environmental Policy Development	\$	\$
Document Redevelopment	\$	\$
Rewriting Standing Operating Procedures	\$	\$
ISO Education & New Systems Training	\$	\$
Management Reviews	\$	\$
SUBTOTALS:	\$	\$
TOTAL:	\$	\$

Implementation Costs

Please list in dollars any additional operating expenses due to ISO 14001 implementation.

	Internal	Contractor
_____	\$	\$
_____	\$	\$
_____	\$	\$
SUBTOTALS:	\$	\$

Please list the total cost of any capital expenditures associated with ISO 14001 implementation.

	Internal	Contractor
_____	\$	\$
_____	\$	\$
_____	\$	\$
SUBTOTALS:	\$	\$

Please list the total cost of any supplemental training expenditures associated with ISO 14001 implementation.

	Total Man-Hours Training Costs for Participation and Staff Level	
_____	\$	
_____	\$	
_____	\$	
SUBTOTALS:	\$	

TOTAL IMPLEMENTATION COSTS: \$

DoD Component ISO 14001 Pilot Projects Cost Profile Instructions

General Information

Please provide the name of the command or the common name of the facility that is participating in the pilot ISO 14001 implementation study in the appropriate box. Please print the address of the person who will serve as the point of contact (POC) for this pilot study. A DoD Pilot Project number will be provided to the POC after the facility has completed the nomination package and has been admitted to the ISO 14001 implementation pilot study. Please print this number in the box provided. Please include the telephone and fax number, email address, and name of the POC for this pilot study. Please date the form upon completion of all requested information.

One-Time Costs

Through the implementation of an ISO 14001 EMS, a facility will incur one-time costs which must be identified to evaluate and compared the costs and benefits of ISO 14001 EMS implementation. Before efforts to implement the system begin, the POC must ensure that the one-time costs are tracked according to the cost items listed in the One-time Costs section on the form for both internal and contractor staff. These cost items are broken down into broad self-descriptive categories, such as the development of the facility's environmental policy, the costs to conduct a gap analysis between the current EMS and the ISO 14001 EMS, and document redevelopment costs associated with the revision of forms and data management protocols to comply with ISO 14001 requirements. When a facility, implementing an ISO 14001 EMS, evaluates its significant environmental aspects and develops plans to address these aspects, it needs to revise its standing operating procedures to account for planned environmental improvements. A facility incurs costs conducting these activities which must be tracked and recorded. Additionally, a facility must be trained in the use of the new ISO 14001 system and become familiar with its operation. A facility will incur costs associated with this training which must be tracked and recorded. Lastly, a facility must conduct management reviews to ensure the EMS is meeting the objectives and goals set out by the facility's environmental policy. Costs related to management reviews must be tracked and recorded as well. The ISO 14001 implementation stage is typically concluded within three months. After that time, please total and record the tracked costs in the boxes provided.

Recurring Costs

After the ISO 14001 EMS is implemented, additional recurring costs are incurred through the continual improvement nature of the ISO 14001 management system. The POC must track these costs for a period of two years – the duration of this study. These costs must be total and recorded every six months and printed in the boxes provided.

Implementation Costs

Implementation costs include ES&H supplemental costs which are incurred in response to the implementation of ISO 14001 programs including operational, capital, and additional training. The categories are designed to capture the realized cost for additional activities (i.e., those beyond normal program and compliance operations) to meet specific ISO 14001 objectives and targets. For instance, a facility's ISO 14001 objective may be to increase waste minimization beyond present levels which results in increased staffing, capital expenditures, such as waste recycling and minimization facilities, and specific training on new procedures as well as new facility/equipment operations. These additional costs must be recorded in the boxes provided. Examples of operating and capital expenses are provided below:

Operating Expense Examples:

Staff, Testing/Monitoring, Recurring

O&M Costs, Documentation/Guidance, and Permitting

Capital Expenses Examples:

Hardware/Software, Design/Construction,

Consulting, and Systems Integration

Please separate costs into internal costs (all DoD costs directly associated with the activity regardless of organizational affiliation or budget source, including salaries and intermural funds) and contractor costs (external expenses paid to non-DoD vendors and/or service providers or monies transferred within DoD through working capital reimbursements or other similar mechanisms). Training costs are those expenses incurred for specific purchased and delivered training programs, services, and instruction. Please record the total man hours and staff level of DoD component staff participating in any supplemental training identified by the ISO 14001 process that goes beyond training already required as part of current facility operation.

DoD Component ISO 14001 Pilot Projects Baseline Profile

Page 1 of 4

DoD ISO 14000 Pilot Project Number

Date

Environmental Financing

Provide current dollar amounts for each category for the six month time period.

	Operating Expenses for Current Six Month Period	Capital Expenses for Current Six Month Period
Restoration	\$	\$
Pollution Prevention	\$	\$
Compliance	\$	\$
Other	\$	\$
Total:	\$	\$

Please break down funding costs for the below elements into total man-hours using local rates for the current six month period.

Internal Policy Development		Education & Training		Drills, Assessment, & Management Reviews	
Departmental Budgeting		Consultation, Negotiations, & Coordination with Federal & State Regulators		Contractor Management	
Reporting & Document Management		New Initiative Program Development		Mitigation Measures	
Testing, Monitoring, Labeling, & Inspection		Tracking & Analyzing Environmental Performance		NEPA Preparations	
Community Involvement & Outreach		Permitting		Planning & Management Plan Development	

Facility Information

Please list three production, workload, or operation parameters as an indication of facility-level activity (e.g., flight hours, number of aircraft/vehicles overhauled, labor hours dedicated to depot activities).

Total Facility Operation and Maintenance Expenditure	\$	Parameters	Quantity
Total Number of Employees at the Facility			

Environmental Regulatory Findings

Please list the number of regulatory findings in the first half of the box and the number of findings that affected the facility's mission performance in the second half.

	Open	Unresolved	New	Closed
Internal Assessments				
Federal				
State				

DoD Component ISO 14001 Pilot Projects Baseline Profile

Page 2 of 4

DoD ISO 14000 Pilot Project Number

Date

Environmental Violations

Please list all environmental financial penalties assessed for State & Federal violations for the current six month period.

Please list root causes of penalties incurred during the six month time period.

	\$
	\$
	\$
	\$
	\$

Spills

Please report the number of spills occurring within the current six month time period.

Oil Related Spills

Smaller than 500 gallons	
Between 500 and 1,000 gallons	
Between 1,000 and 10,000 gallons	
Over 10,000 gallons	

Hazardous Substance Related Spills

Smaller than 500 gallons	
Between 500 and 1,000 gallons	
Between 1,000 and 10,000 gallons	
Over 10,000 gallons	

DoD Component ISO 14001 Pilot Projects Baseline Profile

Page 3 of 4

DoD ISO 14000 Pilot Project Number

Date

Water

Total number of NPDES permitted waste water systems

Total number of systems meeting NPDES permit standards

Air

Has your operation submitted a Title V operating permit?

Yes ☐ No ☐

Total number of air permits

Total number of systems meeting air permit standards

Pollution Prevention

Total quantity of hazardous waste generated

 lbs

Total quantity of solid waste generated

 lbs

Total quantity of solid waste recycled

 lbs

The below categories only apply to facilities that must comply with TRI requirements.

	CY1996 (1,000 lbs)	CY1997 (1,000 lbs)		CY1996 (1,000 lbs)	CY1997 (1,000 lbs)
On-site release to water	<input type="text"/> lbs	<input type="text"/> lbs	Off-site transfer to disposal	<input type="text"/> lbs	<input type="text"/> lbs
On-site release to air	<input type="text"/> lbs	<input type="text"/> lbs	On-site recycling	<input type="text"/> lbs	<input type="text"/> lbs
On-site underground injection	<input type="text"/> lbs	<input type="text"/> lbs	On-site energy recovery	<input type="text"/> lbs	<input type="text"/> lbs
On-site land	<input type="text"/> lbs	<input type="text"/> lbs	On-site treatment/destroyed	<input type="text"/> lbs	<input type="text"/> lbs
Off-site transfer to POTW	<input type="text"/> lbs	<input type="text"/> lbs	Off-site transfer to energy recovery	<input type="text"/> lbs	<input type="text"/> lbs
Off-site transfer to treatment	<input type="text"/> lbs	<input type="text"/> lbs	Off-site treatment/destroyed	<input type="text"/> lbs	<input type="text"/> lbs

Conservation Plans and Inventories

	Number of required plans	Number of up-to-date plans		Number of complete inventories	Number of partial inventories
Integrated Natural Resource Management Plan	<input type="text"/>	<input type="text"/>	Biological Resources	<input type="text"/>	<input type="text"/>
Cultural Resource Management Plan	<input type="text"/>	<input type="text"/>	Historic Resources	<input type="text"/>	<input type="text"/>
			Archaeological Resources	<input type="text"/>	<input type="text"/>

Efficiency

Please provide information for the current six month time period.

Please provide total energy consumption for your operation.

 Btu

Have you met your 1995 10% energy reduction goal?

☐ Yes ☐ No

Please provide total water consumption for your operation.

 gal

Superfund

Is your operation listed on the NPL?

☐ Yes ☐ No

If yes, provide the total estimated cleanup cost.

 \$

Is your operation listed on the State Priority List?

☐ Yes ☐ No

Number of sites

DoD Component ISO 14001 Pilot Projects Baseline Profile

Page 4 of 4

DoD ISO 14000 Pilot Project Number

Date

Implementation Benefits

Please describe your operation's experience on additional sheets of paper.

How has the current EMS changed the public's perception of your operation?

How has the current EMS changed the overall environmental risks associated with your operation?

How has the current EMS changed your operation's marketability and working capital to other DoD commands and to other non-DoD operations?

How has the current EMS changed your operation's mission support performance?

Please describe your ability to identify an area of environmental risk and respond to it.

Please describe your ability to respond to new regulatory requirements.

Please provide an evaluation of the strengths and weaknesses of the current EMS.

Please describe any internal environmental performance metrics that have been developed and their effectiveness in tracking environmental performance.

Please describe the management structure of the current EMS and the current state of environmental record keeping and data management. Please provide information on how management processes are standardized to avoid duplication.

Please describe the level of support throughout the installation for improved environmental performance. Please provide examples on how this support contributes to decisions about funding and personnel and improved installation function and morale.

Please describe the degree to which environmental considerations are incorporated into process improvements made by personnel (i.e., shop-level workers) other than environmental staff.

DoD Component ISO 14001 Pilot Projects Benefits Profile

Page 1 of 4

DoD ISO 14000 Pilot Project Number

Date

Environmental Filings

Provide current dollar amounts for each category for the six month time period.

	Operating Expenses for Current Six Month Period	Capital Expenses for Current Six Month Period
Restoration	\$	\$
Pollution Prevention	\$	\$
Compliance	\$	\$
Other	\$	\$
Total:	\$	\$

Please break down funding costs for the below elements into total man-hours using local rates for the current six month period.

Internal Policy Development		Education & Training		Drills, Assessment, & Management Reviews	
Departmental Budgeting		Consultation, Negotiations, & Coordination with Federal & State Regulators		Contractor Management	
Reporting & Document Management		New Initiative Program Development		Mitigation Measures	
Testing, Monitoring, Labeling, & Inspection		Tracking & Analyzing Environmental Performance		NEPA Preparations	
Community Involvement & Outreach		Permitting		Planning & Management Plan Development	

Facility Information

Please list three production, workload, or operation parameters as an indication of facility-level activity (e.g., flight hours, number of aircraft/vehicles overhauled, labor hours dedicated to depot activities).

Total Facility Operation and Maintenance Expenditure	\$	Parameters	Quantity
Total Number of Employees at the Facility			

Environmental Regulatory Findings

Please list the number of regulatory findings in the first half of the box and the number of findings that affected the facility's mission performance in the second half.

	Open	Unresolved	New	Closed
Internal Assessments				
Federal				
State				

DoD Component ISO 14001 Pilot Projects Benefits Profile

Page 2 of 4

DoD ISO 14000 Pilot Project Number

Date

Environmental Violations

Please list all environmental financial and non-monetary penalties assessed for State & Federal violations for current six month time period.

Please list root causes of penalties incurred during the current six month time period.

\$

\$

\$

\$

\$

Spills

Please report the number of spills occurring within the current six month time period.

Oil Related Spills

Smaller than 500 gallons

Between 500 and 1,000 gallons

Between 1,000 and 10,000 gallons

Over 10,000 gallons

Hazardous Substance Related Spills

Smaller than 500 gallons

Between 500 and 1,000 gallons

Between 1,000 and 10,000 gallons

Over 10,000 gallons

DoD Component ISO 14001 Pilot Projects Benefits Profile

Page 3 of 4

DoD ISO 14000 Pilot Project Number

Date

Water

Total number of NPDES permitted waste water systems

Total number of systems meeting NPDES permit standards

Air

Has your operation submitted a Title V operating permit?

Yes ☐ No ☐

Total number of air permits

Total number of systems meeting air permit standards

Pollution Prevention

Total quantity of hazardous waste generated

 lbs

Total quantity of solid waste generated

 lbs

Total quantity of solid waste recycled

 lbs

The below categories only apply to facilities that must comply with TRI requirements.

	CY1996 (1,000 lbs)	CY1997 (1,000 lbs)		CY1996 (1,000 lbs)	CY1997 (1,000 lbs)
On-site release to water	<input type="text"/> lbs	<input type="text"/> lbs	Off-site transfer to disposal	<input type="text"/> lbs	<input type="text"/> lbs
On-site release to air	<input type="text"/> lbs	<input type="text"/> lbs	On-site recycling	<input type="text"/> lbs	<input type="text"/> lbs
On-site underground injection	<input type="text"/> lbs	<input type="text"/> lbs	On-site energy recovery	<input type="text"/> lbs	<input type="text"/> lbs
On-site land	<input type="text"/> lbs	<input type="text"/> lbs	On-site treatment/destroyed	<input type="text"/> lbs	<input type="text"/> lbs
Off-site transfer to POTW	<input type="text"/> lbs	<input type="text"/> lbs	Off-site transfer to energy recovery	<input type="text"/> lbs	<input type="text"/> lbs
Off-site transfer to treatment	<input type="text"/> lbs	<input type="text"/> lbs	Off-site treatment/destroyed	<input type="text"/> lbs	<input type="text"/> lbs

Conservation Plans and Inventories

	Number of required plans	Number of up-to-date plans		Number of complete inventories	Number of partial inventories
Integrated Natural Resource Management Plan	<input type="text"/>	<input type="text"/>	Biological Resources	<input type="text"/>	<input type="text"/>
Cultural Resource Management Plan	<input type="text"/>	<input type="text"/>	Historic Resources	<input type="text"/>	<input type="text"/>
			Archaeological Resources	<input type="text"/>	<input type="text"/>

Efficiency

Please provide information for the current six month time period.

Please provide total energy consumption for your operation.

 btu

Have you met your 1995 10% energy reduction goal?

☐ Yes ☐ No

Please provide total water consumption for your operation.

 gal

Superfund

Is your operation listed on the NPL?

☐ Yes ☐ No

If yes, provide the total estimated cleanup cost.

\$

Is your operation listed on the State Priority List?

☐ Yes ☐ No

Number of sites

DoD Component ISO 14001 Pilot Projects Benefits Profile

Page 4 of 4

DoD ISO 14000 Pilot Project Number

Date

Implementation Benefits

Please describe your operation's experience on additional sheets of paper.

How has ISO 14001 implementation changed the public's perception of your operation?

How has ISO 14001 implementation changed overall environmental risks associated with your operation?

How has ISO 14001 implementation changed your operation's marketability and working capital to other DoD commands and to other non-DoD operations?

How has ISO 14001 implementation changed your operation's mission support performance?

Please describe your ability to identify an area of environmental risk and respond to it.

Please describe your ability to respond to new regulatory requirements.

Please provide an evaluation of the strengths and weaknesses of the new ISO 14001 system.

Please describe any newly developed internal performance metrics that resulted from ISO 14000 and their effectiveness in tracking environmental performance.

Please describe changes in the environmental management structure and the state of new environmental record keeping and data management processes. Please provide information on how management processes are standardized to avoid duplication.

Please describe the level of support throughout the installation for improved environmental performance. Please provide examples on how this support contributes to decisions about funding and personnel and improved installation function and morale.

Please describe the degree to which environmental considerations are incorporated into process improvements made by personnel (i.e., shop-level workers) other than environmental staff.

Please identify and describe any significant factors that impact your responses to these questions.



DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
600 ARMY PENTAGON
WASHINGTON DC 20310-0600



REPLY TO
ATTENTION OF

DAIM-ED-R

12 OCT 87

MEMORANDUM FOR MAJOR GENERAL MILTON HUNTER, DIRECTOR OF MILITARY
PROGRAMS, U.S. ARMY CORPS OF ENGINEERS, 20
MASSACHUSETTS AVENUE, N.W., WASHINGTON, DC
20314-1000

SUBJECT: Regional Environmental Office Support to the U.S.
Army Corps of Engineers

1. Reference 4715.AA, Department of Defense Instruction,
Subject: DoD Regional Environmental Coordination (encl 1).
2. The referenced DoDI provides you information about a
valuable tool within the DoD environmental program, the Regional
Environmental Offices (REO). Ten offices, aligned with the U.S.
Environmental Protection Agency (EPA) Regions, were established
to coordinate, facilitate, and communicate environmental
activities and issues among EPA, states, Services, and the public
(encl 2). For the past two years, the Department of Army has
been the Executive Agent for four of the 10 regions (Northern,
Southern, Central, and Western REO). These offices are a conduit
for Army environmental activity for the four regions and liaison
for the other Services. The REO is an available, valued asset
for support of Army environmental programs at military
installations across the country.
3. The REOs have worked closely with several U.S. Army Corps of
Engineers (USACE) District Offices in providing consistent
interpretation and application of DoD regulations and guidelines.
Based on our past shared successes with USACE, the REOs have the
potential to expand their support and provide you additional
assistance in the future. I have asked Colonel Richard Weiner,
Commander, USAEC, to provide you and your staff a thorough
briefing on how the REOs operate so that you may better assess
how they might be of assistance to USACE.
4. We look forward to the opportunity to meet with you and to
potentially assist USACE in support of the execution of the Army
environmental program. The Assistant Chief of Staff for

ENCL 3

DAIM-ED-P

SUBJECT: Regional Environmental Office Support to the U.S. Army
Corps of Engineers

Installation Management POC is Blanca Roberts, (703) 693-0641,
and the AEC POC is Colonel Weiner, (410) 671-2657.

2 Encls



J. C. MENIG
Deputy Assistant Chief of Staff
for Installation Management

CF (w/encls):

COMMANDER, U.S. ARMY ENVIRONMENTAL CENTER, ATTN: SFIM-AEC-CO,
ABERDEEN PROVING GROUND, MD 21010-5401

Department of Defense INSTRUCTION

NUMBER 4715.AA

SUBJECT: DoD Regional Environmental Coordination

- References:
- (a) DoD Directive 4715.1, "Environmental Security," February 24, 1996
 - (b) DoD Directive 3025.1, "Military Support to Civil Authorities," January 15, 1983
 - (c) DoD Directive 3030.1, "Office of Economic Adjustment," November 29, 1978
 - (d) DoD Directive 4165.61, "Intergovernmental Coordination of DoD Federal Development Programs and Activities," August 9, 1983
 - (e) DoD Instruction 4000.19, "Interservice, Interdepartmental, and Interagency Support," April 15, 1992
 - (f) DoD 8910.1-M, "DoD Procedures for Management of Information Requirements," November 18, 1986

A. PURPOSE

This Instruction:

1. Implements policy, assigns responsibilities, and prescribes procedures under reference (a) for the establishment and operation of a program for regional environmental coordination within the Department of Defense (DoD).
2. Establishes DoD environmental Executive Agents (EAs), DoD Regional Environmental Coordinators (DoD RECs), and Component RECs.
3. Does not change DoD policies, responsibilities, and procedures concerning other regional activities under references (b-e).

B. APPLICABILITY AND SCOPE

1. This Instruction applies to the Office of the Secretary of Defense (OSD), the Military Departments (including the Coast Guard when it is operating as a Military Service of the Navy), the Chairman of the Joint Chiefs of Staff, the Combatant Commands, the Defense Agencies, and the DoD Field Activities, including any other integral DoD organizational entity or

b. Update the Environment, Safety and Occupational Health (ESOH) Policy Board, established by DoD Directive 4715.1 (reference (a)), on regional matters and present to the ESOH Policy Board any issues forwarded by the DoD RECs that require DoD policies or decisions. Referral to the ESOH Policy Board may not eliminate the requirement for formal coordination of significant issues.

c. Do not have the authority to make unilateral decisions or commitments for DoD or any Components.

4. The DoD RECs will:

a. Monitor and coordinate the consistent interpretation and application of DoD environmental policies within the region in consultation with the EA and affected Component RECs.

b. Forward issues to the appropriate EA where there is disagreement among the Components.

c. Monitor Federal, state, regional, and local environmental issues. Elevate issues of interest or requiring EA or ESOH Policy Board level attention to the EA. Consult with Combatant Commanders on issues that affect training, operations, warfighting ability, are controversial, or have the potential to become highly visible in the media.

d. Establish and maintain a list of Component RECs and regional, state, and local environmental regulatory agency points of contact.

e. Monitor regional, state, and local legislative, regulatory, and enforcement activities and inform Component RECs of developments and lessons learned.

f. After coordination with the Component RECs and, where necessary, the appropriate EA, articulate DoD positions on proposed regional, state, and local legislation and regulations to regional, state, and local authorities.

g. Conduct regional meetings, as necessary, with DoD Components and regulators.

h. Monitor and coordinate training activities among components to promote the most effective use of Component and regulator assets, courses, and expertise.

i. After coordination with the Component RECs, provide semi-annual executive summaries of regional coordination activities, success stories, and issues to the appropriate EA by 1 July and 1 December. Summaries will be submitted through channels established by the Components.

Department of Defense
Regional Environmental Coordinators
Point of Contact Listing

DoD REC Region I (POC)

Mr. Robert Jones
Commander, Submarine Group Two
Naval Submarine Base New London
Box 100, CODE 01E
Groton, CT 06349-5100
Phone: (860) 449-3976 Fax: (860) 449-2217/4699
Email: rjones@csg2.navy.mil

DoD REC Region II

U.S. Air Force Center for Environmental Excellence
Eastern Regional Office
Mr. Thomas Sims
Director
77 Forsyth Street, SW, Suite 295
Atlanta, GA 30335-6801
Phone: (404) 331-5771 Fax: (404) 331-2537
Email: tsims@afceebi.brooks.af.mil

DoD REC Region III (POC)

Mr. Steve Olson
Commander
Naval Base Norfolk
1530 Gilbert Street, Suite 2200
Norfolk, VA 23511-2797
Phone: (804) 322-2909; DSN: 262-2909 Fax: (804) 444-3000

DoD REC Region IV

Mr. George Carellas
Southern Regional Environmental Office
ATTN: SFIM-AEC-SR
430 Tenth Street NW, Suite S-206
Atlanta, GA 30318-5768
Phone: (404) 331-6798 Fax: (404) 331-4953

DoD REC Region V

Mr. Carl Pavetto
Northern Regional Environmental Office
ATTN: SFIM-AEC-NR
Aberdeen Proving Ground, MD 21010-5401
Phone: (410) 612-7096; DSN: 584-7096 Fax: (410) 612-7110
Email: cpavetto@aecl.apgea.army.mil

Department of Defense
Regional Environmental Coordinators
Point of Contact Listing

DoD REC Region VI

Mr. Ed Lopez
U.S. Air Force Center for Environmental Excellence
Central Regional Office
525 S. Griffin Street, Suite 505
Dallas, TX 75202-5023
Phone: (214) 767-4650 Fax: (214) 767-4661
Email: elopez@afceeb1.brooks.af.mil

DoD REC Region VII

Mr. Michael Cain
Central Regional Environmental Office
ATTN: SFIM-AEC-CR
601 East 12th Street, Suite 647
Kansas City, MO 64106-2896
Phone: (816) 983-3448 Fax: (816) 426-7414

DoD REC Region VIII

Mr. Gerald Owens (Jerry)
Western Regional Environmental Office
ATTN: SFIM-AEC-WR
RMA, Bldg 111
Commerce City, CO 80022-2108
Phone: (303) 289-0260; DSN: 749-2260 Fax: (303) 289-0272
Email: gowens@pmrms-emh1.army.mil

DoD REC Region IX (POC)

Mr. Joe Ruzicka
Commander
Naval Base San Diego
San Diego, CA 92132-5100
Phone: (619) 532-4534 Fax: (619) 532-2288
Email: joe_ruzicka@cnb-emh.san.mrms.navy.mil

DoD REC Region X

Mr. Phil Lammi
U.S. Air Force Center for Environmental Excellence
Western Regional Office
Director
ATTN: AFCEE/CCR-S
333 Market Street, Suite 600
San Francisco, CA 94105-2196
Phone: (415) 977-8920 Fax: (415) 977-8900
Email: plammi@afceeb1.brooks.af.mil

ATTN: DAIM-ED-R
ENVIRONMENTAL PROGRAMS
ASST CHIEF OF STAFF INSTALLATIONS MANAGEMENT
600 ARMY PENTAGON
WASHINGTON DC 20310-0600

ATTN: CEMP
MAJOR GENERAL MILTON HUNTER
DIRECTOR OF MILITARY PROGRAMS
US ARMY CORPS OF ENGINEERS
20 MASSACHUSETTS AVENUE NW
WASHINGTON DC 20314-1000